

# Carl Koepke

## Contact Me:

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## Education

University of Minnesota — Full Stack Web Developer Bootcamp, 2020

University of Wisconsin-Eau Claire — Material Science, 2013

## Portfolio

Link to portfolio: <https://carl-koepke.herokuapp.com/portfolio>

## Projects

### Quote Buddy

Worked with a team to create an app that generates and reads aloud a random inspirational quote. Application was built using HTML/CSS, Javascript, and JQuery. The application utilizes Local Storage to save your favorite quotes, and APIs for the quote and text to voice technology.

Link: [Quote Buddy](#)

### Weather App

An application I created utilizing HTML, Javascript, and JQuery. The weather information is obtained using an API from Open Weather. Link: [Weather](#)

### Burger Battle

A full stack application I worked with a team to build. The application uses HTML/CSS, Bootstrap, javascript, MySQL, Express, and Node. Add and vote for your favorite burger restaurants. Link: [Burger Battle](#)

## Experience

### Certification Manager and Validation Specialist, Gerbig Engineering - 2014-2020

Managed a team of technicians testing and certifying cleanrooms throughout the Twin Cities area, and around the country. Responsibilities included managing personnel, tracking international testing standards, engaging with customers to gather requirements for project success, supporting customer audits and resolving findings, analyzing and compiling test result data into easily consumable reports, and relaying testing information to customers.

### Student Researcher, University of Wisconsin-Eau Claire, Eau Claire, WI — 2012-2013

Analyzed and compared six different strands of Superconducting wire made for the International Thermonuclear Experimental Reactor. Each strand of wire behaved slightly differently; my research centered on how the composition of the wires and the different techniques used in the process of creating them affected the differences in behavior.

### Research Assistant, National High Magnetic Field Lab, Tallahassee, FL — 2012

I analyzed sections of superconducting cables intended for eventual use in the International Thermonuclear Experimental Reactor. I analyzed these cables, and the wires inside, using various instruments and techniques.

## **Skills**

### **Technical Skills:**

- Skilled in HTML, CSS, Javascript, working to learn other languages as well
- Experience working with MySQL, Mongo DB, Jaws DB, and Atlas DB
- Experience working with Express, React, and Node.
- Very comfortable collaborating with a team on GitHub and Heroku Projects.
- Advanced user in Excel to analyze data.

### **Interpersonal Skills:**

- Implemented Microsoft Teams technology to facilitate remote collaboration.
- Compiling data and test results into an easily understandable report.
- Managed Team deliverables, timelines, and deadlines
- Worked with clients to develop and understand project requirements.
- Skilled at working in a team, or individually to accomplish goals

### **Referrals**

References available upon request.